

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/052339

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 H04L12/64				
According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 2003/065805 A1 (BARNES MELVIN L) 3 April 2003 (2003-04-03) figures 4-8 page 3, paragraph 39 page 4, paragraph 44 page 5, paragraph 61 page 6, paragraph 66 page 7, paragraphs 74,75 page 11, paragraphs 116,117 page 27, paragraph 280 ----- -/--	1-15		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.				
<input checked="" type="checkbox"/> Patent family members are listed in annex.				
<b>* Special categories of cited documents:</b> <table border="0"> <tr> <td style="vertical-align: top;">           "A" document defining the general state of the art which is not considered to be of particular relevance            "E" earlier document but published on or after the international filing date            "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)            "O" document referring to an oral disclosure, use, exhibition or other means            "P" document published prior to the international filing date but later than the priority date claimed         </td> <td style="vertical-align: top;">           "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention            "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone            "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.            "&amp;" document member of the same patent family         </td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family			
Date of the actual completion of the international search 11 January 2005		Date of mailing of the international search report 24/01/2005		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Mircescu, A		

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2002/136231 A1 (BEENS JASON A ET AL) 26 September 2002 (2002-09-26) figures 1-3 page 1, paragraphs 5,6 page 4, paragraphs 36,37 page 5, paragraph 39 page 6, paragraph 45 page 7, paragraph 53</p>	1-15
A	<p>WO 01/74024 A (OPENWAVE TECHNOLOGIES INC) 4 October 2001 (2001-10-04) figures 1-5 page 2, lines 2-10 page 3, lines 12-23 page 4, lines 23-31 page 5, lines 1,2 page 7, lines 1-31 page 8, lines 1-22 page 11, lines 22-30 page 14, lines 8-14,30,31 page 15, lines 1-10</p>	1-15

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003065805	A1	03-04-2003	NONE	
US 2002136231	A1	26-09-2002	US 2002126685 A1	12-09-2002
			BR 0208032 A	04-05-2004
			CA 2440401 A1	19-09-2002
			EP 1371177 A2	17-12-2003
			JP 2004531927 T	14-10-2004
			WO 02073962 A2	19-09-2002
			US 2004218606 A1	04-11-2004
			WO 03017603 A1	27-02-2003
WO 0174024	A	04-10-2001	AU 4785601 A	08-10-2001
			WO 0174024 A2	04-10-2001